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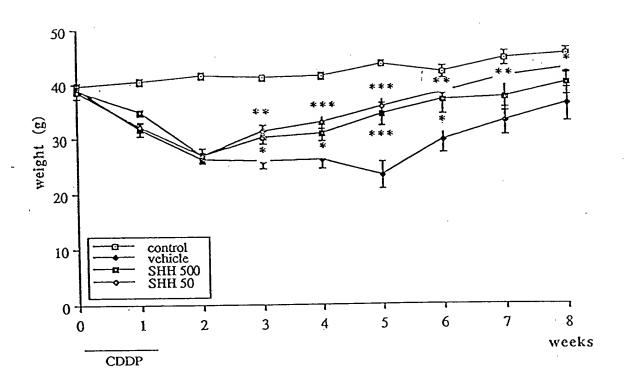
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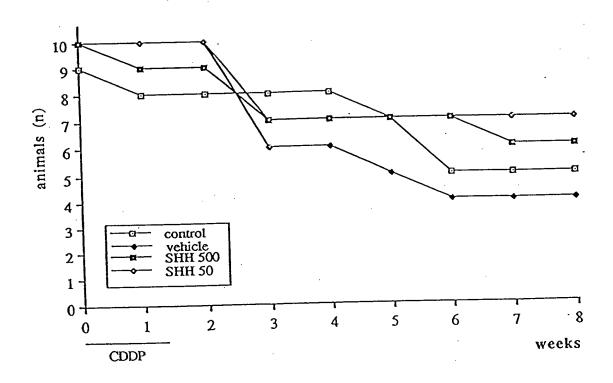
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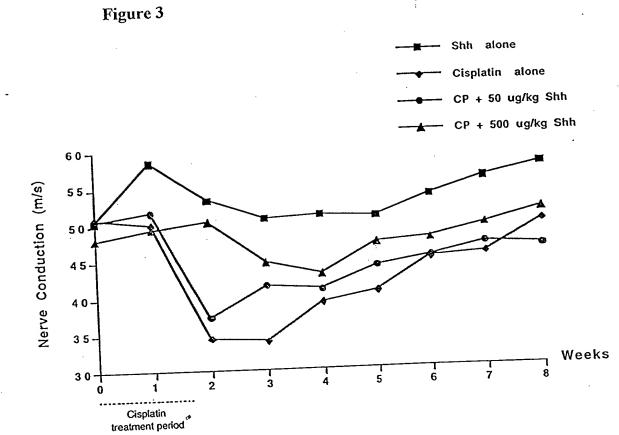


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Figure 2







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Figure 4

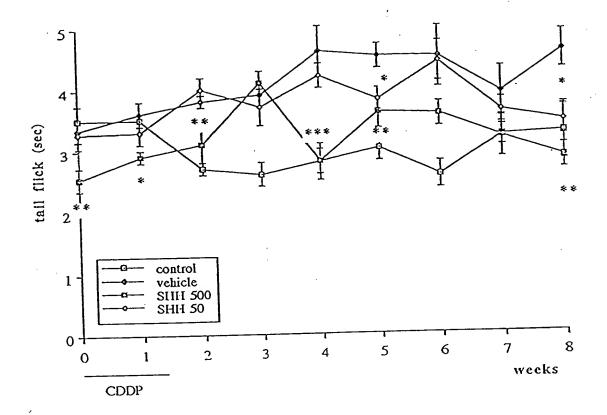
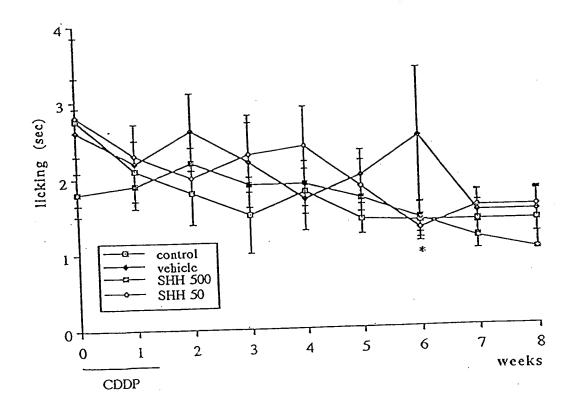
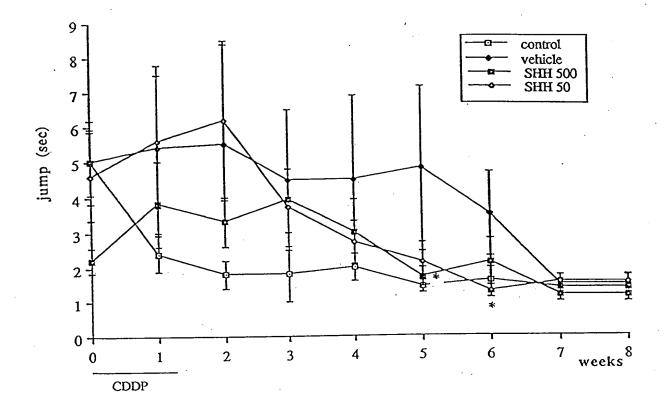


Figure 5



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Figure 6



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Figure 7

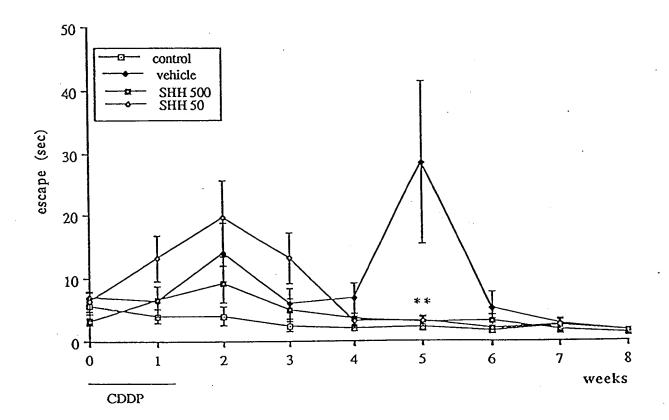
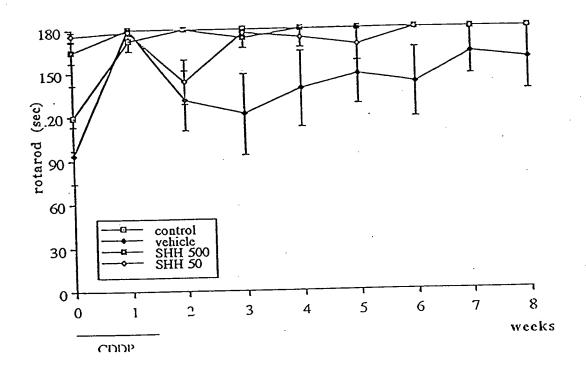
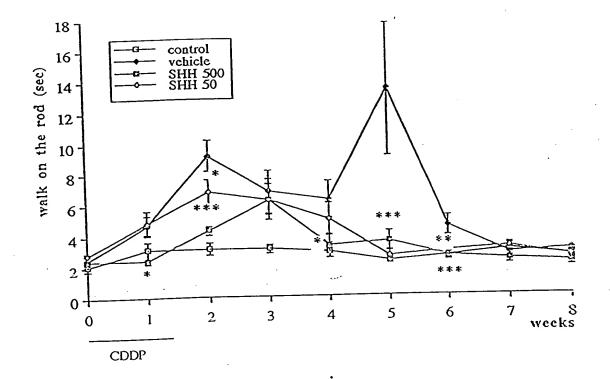


Figure 8



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Figure 9



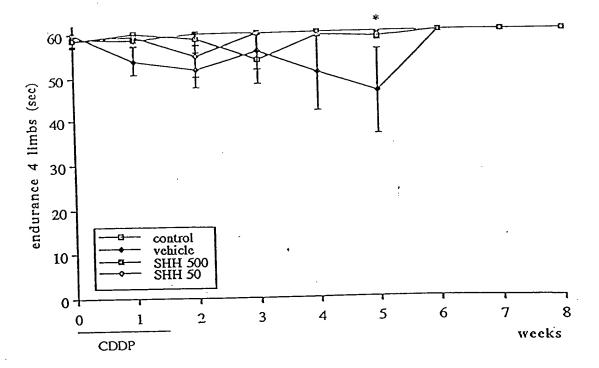
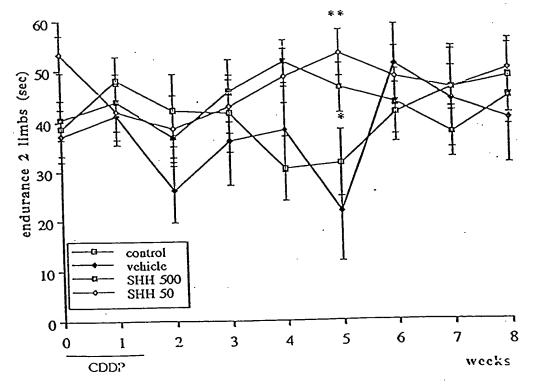


Figure 10A





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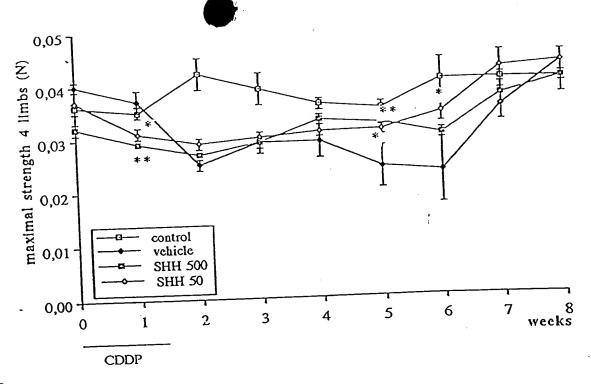
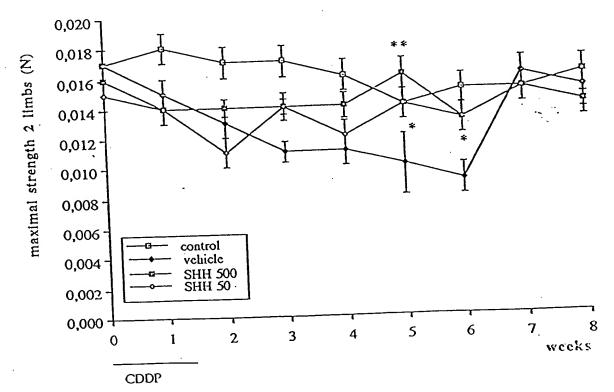


Figure 11A

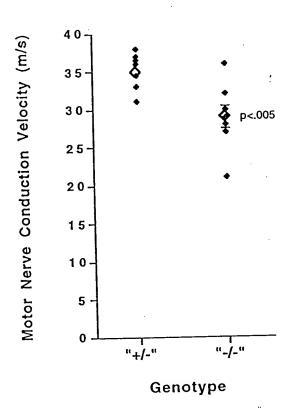




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Figure 12

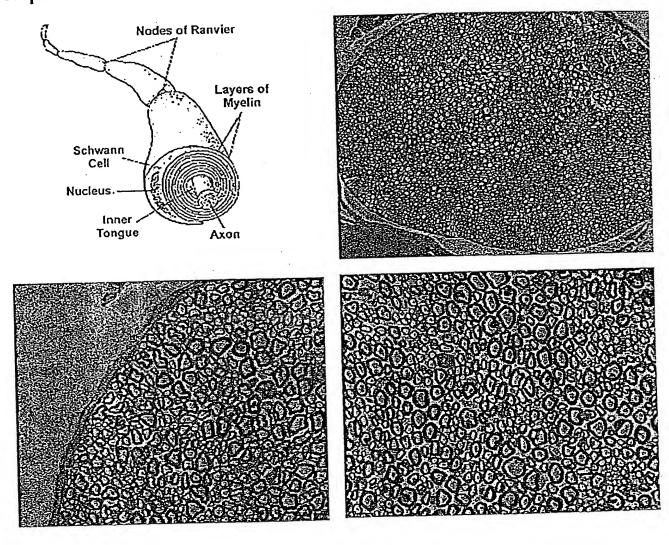
Functional Deficit in Peripheral Nerve of Dhh "-/-" Mice



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Figure 13A

Peripheral Nerve Morphology in the Normal Mouse



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Figure 13B

Peripheral Nerve Morphology in the Dhh -/- Mouse

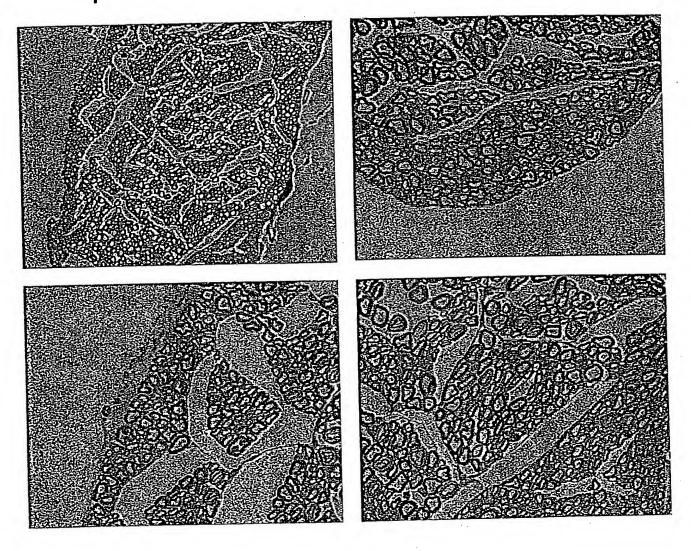
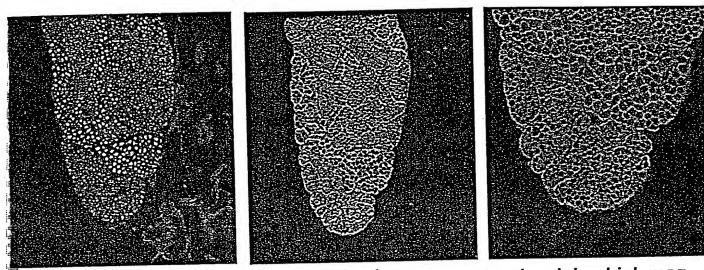


Figure 14A

Immunocytochemistry of Dhh -/- Mouse Nerve



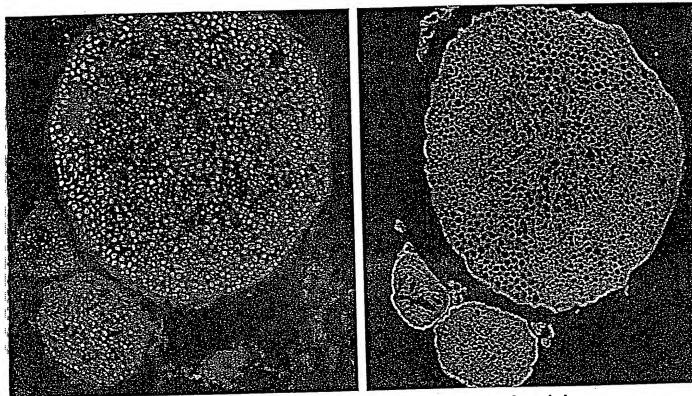
Neurofilament (axonal marker)

Laminin - low mag. Laminin - high mag. (ECM/connect. tiss. marker)

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Figure 14B

Immunocytochemistry of Normal Mouse Nerve



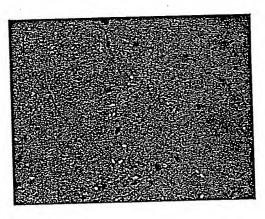
Neurofilament (axonal marker)

Laminin (ECM/connective tissue marker)

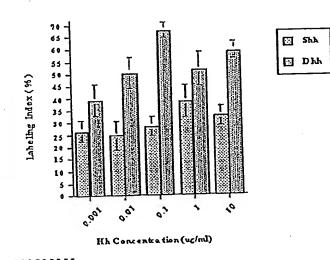
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Figure 15

Hh Effects on Perineurial Cell Proliferation

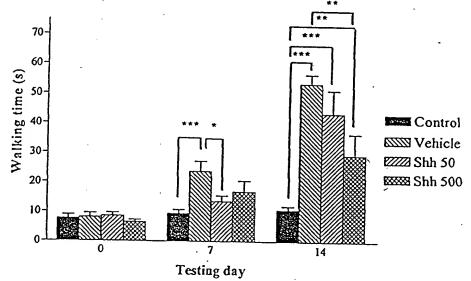


- ·Dissociate P4 sciatic nerve
- ·Plate cells overnight
- ·Add Hh's and BrdU
- •Fix 18-24 hours later
- •Score cells



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Figure 16



Mean \pm s.e.m. * p < 0.05, ** p < 0.01, *** p < 0.001.

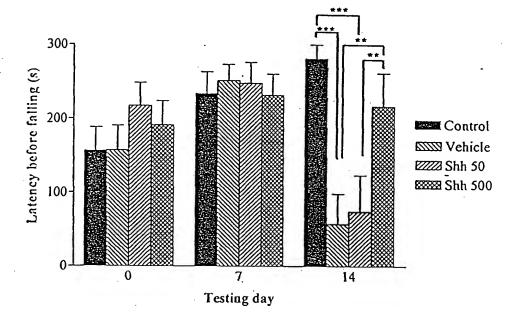
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Figure 17



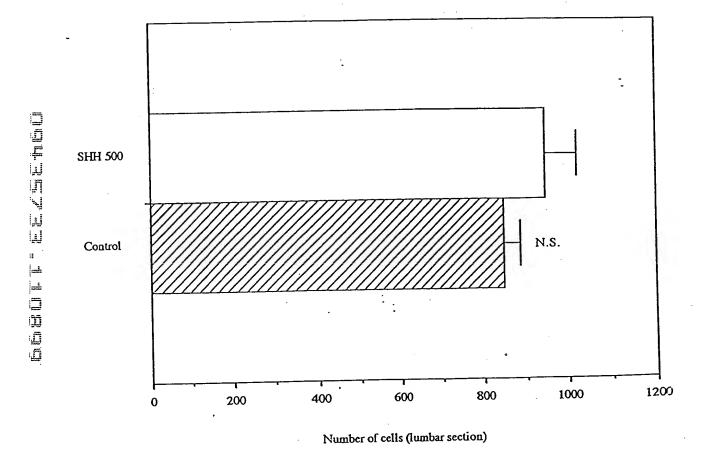
Mean \pm s.c.m. ** p < 0.01, *** p < 0.001.

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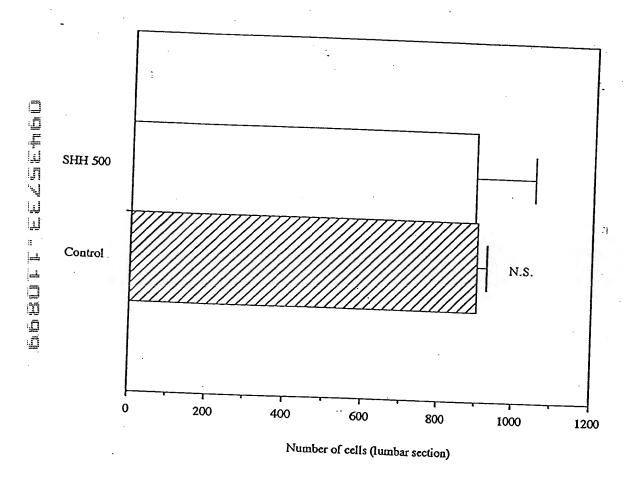


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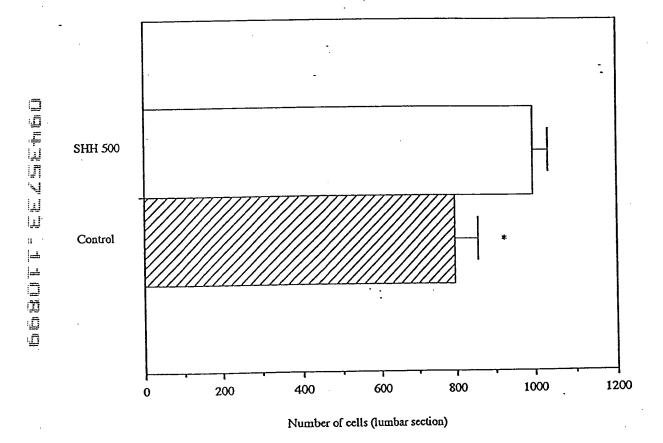
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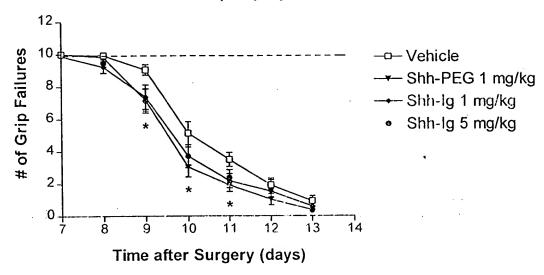
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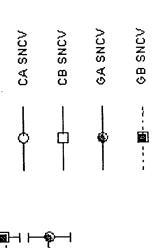
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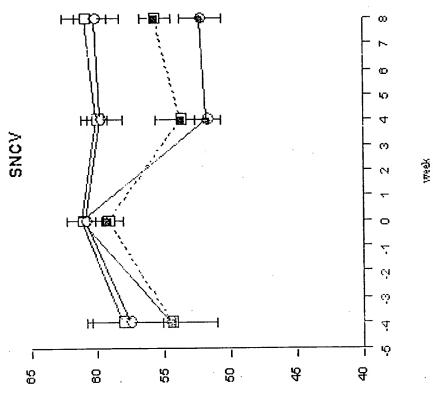
Effect of Hedgehog proteins on ability to grip following sciatic nerve crush injury



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Figure 23





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